



Abstract

This invention involves a process for selecting and producing eukaryotic alkaline phosphatase in yeast. Yeast cells are subjected to multiple transformations using a vector comprising a first resistance marker gene and the alkaline phosphatase gene. Those strains that grow in media containing the first resistance marker are further transformed using a vector comprising a second selection marker gene and the alkaline phosphatase gene. Transformants that grow in media containing the second selection marker are selected for expressing the eukaryotic alkaline phosphatase.